

David Olayemi

Full Stack Developer | AWS | Machine Learning | AI | Automation

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PROFESSIONAL SUMMARY

Innovative Full Stack Developer and AI enthusiast with expertise in AWS, Machine Learning, and Automation. Skilled at designing intelligent applications and solutions that drive efficiency and deliver measurable business impact. Proven leader with a track record of successfully managing projects, developing cutting-edge chatbots, and implementing automation pipelines that optimize workflows. Recognized for excellence in ML & AI competitions and leadership in multi-national projects.

Skills

Hard Skills: Full Stack Development, AWS, Python, Machine Learning, AI, Automation, Chatbot Development, Data Analysis, Cloud Integration

Soft Skills: Leadership, Strategic Problem Solving, Team Collaboration, Critical Thinking, Project Management

Experience

Full Stack Developer | MTN Nigeria

- Developed internal automation tools, increasing operational efficiency by 30%.
- Designed AI solutions for customer insights and predictive analytics.
- Led a small team to deliver cross-departmental software projects successfully.

Software Engineer | Emirates Tech

Solutions|Dubai

- Engineered scalable web applications with AWS cloud infrastructure.
- Implemented ML models for personalized customer experiences, improving engagement metrics.
- Coordinated with international teams to ensure timely, high-quality project delivery.

AI & Automation Specialist |
TechNova Solutions|German

- Created Portillo Chatbot, an AI-driven assistant that gathers and analyzes personal/business insights to optimize operations.
- Built automation pipelines that reduced manual workflows by 40%.
- Awarded Best Leading Innovator for outstanding leadership and project execution.

EDUCATION

B.Sc. Computer Science | University of Lokoja, Nigeria | 2021 – 2024

- 2nd Place in ML, AI, and Automation Competition
- Developed multiple AI and Full Stack projects demonstrating applied technical skills

PROJECTS

Portillo Chatbot (AI Information Assistant)

An AI-powered chatbot designed to retrieve, summarize, and analyze personal and business background information for internal company use.

- Technologies: Python, Machine Learning, NLP, AI APIs, AWS, Automation Scripts
- Achievements: Improved internal information retrieval speed and supported data-driven decision-making.

AI Face Swapping System

A computer vision system capable of accurately swapping human faces in images using deep learning techniques.

- Technologies: Python, OpenCV, Deep Learning, Machine Learning
- Achievements: Implemented facial landmark detection and seamless image blending with high accuracy.

AWS-Deployed ML Model Pipeline

End-to-end deployment of machine learning models to cloud infrastructure for real-time predictions.

- Technologies: AWS (EC2, S3), Python, ML Deployment
- Achievements: Built scalable and production-ready ML systems accessible via APIs.

Bird Detection & Classification System (Flask Web App)

An AI-powered web application that detects and classifies birds from uploaded images.

- Technologies: Python, Flask, Machine Learning, Computer Vision, CNN Models
- Achievements: Built a complete end-to-end ML pipeline including model inference, backend API, and web interface.

ACHIEVEMENTS AND AWARDS

- 2nd Place – ML, AI & Automation Competition
- Best Leading Innovator Award for outstanding leadership and technical excellence

CERTIFICATIONS

- Python Programming
- Machine Learning & Artificial Intelligence

LANGUAGES

- English (Fluent)